

A² screened for ErbB2-binding by ELISA and radioimmunoprecipitation.

On page 54, lines 33-36, please replace with the following paragraph:

A³ *Real Time Quantitative PCR.* TGF- α and HB-EGF mRNA was quantified using real time quantitative PCR or TaqMan technique as previously described (Gibson *et al.*, *Genome Research*, 6:995-1001 (1996); and Heid *et al.*, *Genomic Research*, 6:986-994 (1996)). The sequence of the primer/probe sets used for this analysis are shown below:

In the claims: Please cancel claims 11-21 without prejudice. Please add new claims 22-30 as follows:

Sub B1
A4
22. A method of treating prostate cancer in a human comprising administering to the human a therapeutically effective amount of an antibody having biological characteristics of monoclonal antibody 2C4, whereby the antibody binds ErbB2, blocks ligand activation of an ErbB receptor, blocks binding of monoclonal antibody 2C4 to ErbB2, and blocks TGF- α activation of mitogen-activated protein kinase (MAPK).

23. The method of claim 22 wherein the antibody comprises monoclonal antibody 2C4 or humanized 2C4.

24. The method of claim 22 wherein the antibody is an antibody fragment.

25. The method of claim 24 wherein the antibody fragment is a Fab fragment.
26. The method of claim 22 wherein the antibody is not conjugated with a cytotoxic agent.
27. The method of claim 24 wherein the antibody fragment is not conjugated with a cytotoxic agent.
28. A method of treating androgen dependent prostate cancer in a human comprising administering to the human a therapeutically effective amount of an antibody which has biological characteristics of monoclonal antibody 2C4.
29. The method of claim 28 which results in an increased prostate specific antigen (PSA) index in the human.
30. The method of claim 28 wherein the antibody comprises monoclonal antibody 2C4 or humanized 2C4.

REMARKS

This submission is in response to the Office Action dated February 13, 2002. Claims 11-21 have been cancelled without prejudice. New claims 22-30 have been added. Support for the